Form PTO-1449 (REV. 8-83)	•		ATTY DOCKET NO. 112342			APPLICATION NO. 10/088,648					
INFORMATION DISCLOSURE STATEMENT											
(Use several sheets if necessary)					APPLICANTS Shinichi TAKESHIMA et al.						
				FILING DATE March 20, 2002							
		U.S	. PATI	NT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	NAME		CLASS	SUB CLASS			
(A)	1	4.902,487	02/20/1990		Cooper et al.						
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		DOCUMENT NUMBER	1	DATE	COUNT	RY	CLASS	SUB CLASS			
CA	2	EP I 004 347 A2	05/3	31/2000	Europe						
	3	JP A 2001-205109	07/3	31/2001	Japan						
	4	JP A 10-118454 w/ abstract	05/1	2/1998	Japan						
	5	JP A 9-323039 w/ abstract	12/1	6/1997	Japan						
	6	JP B2 7-106290	11/1	5/1995	Japan						
	7>	JP B2 3012249	12/1	0/1999	Japan						
	8	JP A 61-149222 w/ abstract	07/0	7/1986	Japan		1				
	9	JP A 63-147912 w/ abstract	06/2	:0/1988	Japan						
GAI	10	EP 0 160 482 A2	11/0	6/1985	Europe						
		OTHER DOCUMENTS (In	cludin	g Author, 7	Title, Date, Pertinent Page	s, etc.)					
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		OCKET NO.		APPLICATION NO. 10/088,648					
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		DOCUMENT NUMBER	DATE	COUNTR	Y	CLASS	SUB CLASS				
CAI	1	EP 1 057 519 A1	12/06/2000	Europe							
	2	EP 1 055 805 A1	11/29/2000	Europe							
	3	WO 01/12320 A1	02/22/2001	WIPO							
	4	WO 00/03790	01/27/2000	WIPO							
	5	EP 0 993 860 A1	04/19/2000	Europe							
	6	GB 2 342 056 A	04/05/2000	/2000 United Kingdom							
	7	EP 0 931 590 A1	07/28/1999	Europe		T					
(A)	8	EP 0 852 966 A1	07/15/1998	/15/1998 Europe							
		OTHER DOCUMENTS (Inc	cluding Author,	Title, Date, Pertinent Pages	, etc.)						
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EXAMINER INITIAL		DOCUMENT NUMBER		DATE	NA	ME		CLASS	SUB CLASS		
(A)	1	U.S. 5,853,693	Dec	c. 29, 1998	Ogasawara et al.						
	1	FOREIG	IN PA	ATENT DOCU	MENTS						
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